

Title (en)

Enhanced surface preparation process for application of ceramic coatings

Title (de)

Verbesserte Vorbereitung einer Oberfläche zum Auftragen von keramischen Beschichtungen

Title (fr)

Préparation améliorée d'une surface pour l'application de revêtements céramiques

Publication

EP 1217089 A3 20030402 (EN)

Application

EP 01310695 A 20011220

Priority

US 74771300 A 20001222

Abstract (en)

[origin: EP1217089A2] Metallic surfaces are prepared to receive ceramic coatings. An abrasion process of progressively declining intensity removes a portion of the metallic surface. Ceramic coating applied to surfaces so prepared display improved lives at elevated temperatures. <IMAGE>

IPC 1-7

C23C 4/02; **C23C 14/02**

IPC 8 full level

F01D 5/28 (2006.01); **C23C 4/02** (2006.01); **C23C 4/073** (2016.01); **C23C 4/08** (2016.01); **C23C 4/10** (2016.01); **C23C 4/11** (2016.01); **C23C 14/02** (2006.01); **C23C 28/00** (2006.01); **C23C 30/00** (2006.01)

CPC (source: EP US)

C23C 4/02 (2013.01 - EP US); **C23C 14/028** (2013.01 - EP US); **C23C 28/3215** (2013.01 - EP US); **C23C 28/325** (2013.01 - EP US); **C23C 28/3455** (2013.01 - EP US); **Y10T 428/12472** (2015.01 - EP US); **Y10T 428/12618** (2015.01 - EP US); **Y10T 428/12944** (2015.01 - EP US)

Citation (search report)

- [XA] WO 0115866 A1 20010308 - SIEMENS AG [DE], et al
- [A] US 4514469 A 19850430 - LOERSCH JOSEPH F [US], et al
- [A] US 4287740 A 19810908 - KUMAR ARUN

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DOCDB simple family (application)

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